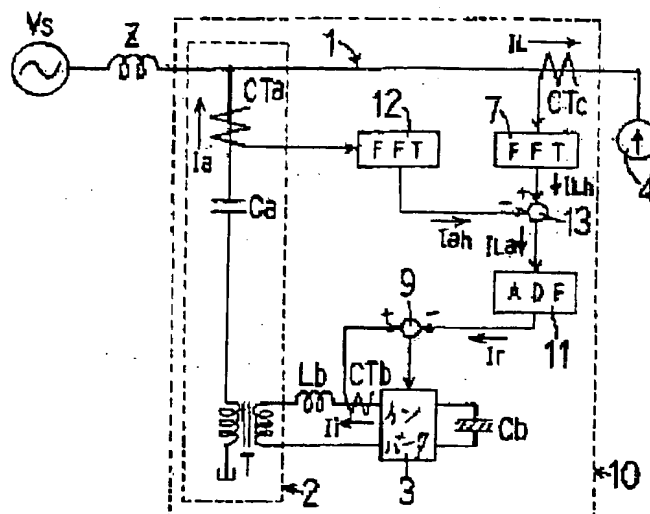


TITLE : CONTROL METHOD FOR ACTIVE FILTER



SOLUTION: An inverter current i_i is injected into an injection circuit part 2 connected to a system bus 1, and an active filter 10 which offsets a harmonic current i_{Lh} in a load 4 is controlled. At this time, an error i_{ah} between a harmonic current i_{aH} which is detected from an active-filter output current i_a in the injection circuit part 2 and the harmonic current i_{Lh} is detected, so as to be input to an FIR-type adaptive filter 11. While a filter factor is being updated, a filter characteristic is changed so as to become a minimum error. A command value i_r is sent out to an inverter 3 from the adaptive filter 11.

COPYRIGHT: (C)1999,JPO